

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

JUN 12 2003

ATTY DOCKET NO.  
0445-0300PAPPLICATION NO.  
09/846,459APPLICANT  
Yuji KAWAGUCHI et alFILING DATE  
May 2, 2001GROUP  
3728

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	KIND	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
10P	US 3,963,173	A	1976-06-15	STONE			
10P	US 5,604,042	A	1997-02-18	BIANCHINI et al			
10P	US 3,934,791	A	1976-01-27	DICK et al			
10P	US 2,564,099	A	1951-08-14	DUNNING			
	US						
	US						
	US						
	US						
	US						
	US						

## FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
10P	GB	2 264 287	A	1993-08-25	UNITED KINGDOM				X
10P	PTC	96/01736	A	1996-01-25	WO				X
10P	FR	89 792	E	1967-08-18	FRANCE				X

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OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)	

EXAMINER

1-028 ML

DATE CONSIDERED

7-21-03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	US							
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	US						RECEIVED " " 07 2003	
	US						TECHNOLOGY CENTER 2070	
	US							
	US							
FOREIGN PATENT DOCUMENTS								
Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
JP	63-55042	A	1988-03-09	JAPAN			ABS	
JP	5-22320	U	1993-03-23	JAPAN			X	
JP	54-30624		1979-02-28	JAPAN			ABS	
JP	50-53322		1975-05-22	JAPAN			ABS	
JP	63-49318	U	1988-04-04	JAPAN			ABS	
JP	50-138326		1975-11-14	JAPAN			ABS	
JP	49-97226		1974-08-22	JAPAN			ABS	
JP	51-60934		1976-05-13	JAPAN			ABS	
JP	62-125723	U	1987-08-10	JAPAN			ABS	
JP	60-105324	U	1985-07-18	JAPAN			ABS	
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)								
EXAMINER <i>1.022 mis</i>	DATE CONSIDERED <i>7-21-03</i>							
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